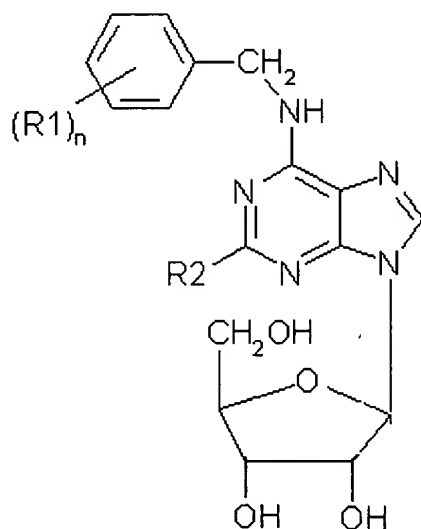




IN THE CLAIMS:

Please amend the claims, as follows:

Claim 1 (currently amended): A therapeutic composition containing  
substitution ~~Substituted~~ derivatives of N<sup>6</sup>-benzyladenosine of the general formula I



I

and their pharmaceutically acceptable salts with alkali metals, ammonium or amines,

wherein

**R2** is hydrogen atom, hydroxyl, halogen, alkoxy, amino, hydrazo, mercapto, methylmercapto, carboxyl, cyano, nitro, amido, sulpho, sulphamido, acylamino, acyloxy, alkylamino, dialkylamino, alkylmercapto, carbylalkoxy, cycloalkyl or carbamoyl group, and **(R1)<sub>n</sub>**, wherein

**n** is [[2 - 6]] 2<sup>nd</sup> to 6<sup>th</sup> carbon atom of the phenyl ring optionally substituted with one to five substituents selected from the group **R1** wherein

**R1** is ~~hydrogen~~, hydroxyl, halogen, alkoxy, amino, hydrazo, mercapto, methylmercapto, carboxyl, cyano, nitro, amido, sulpho, sulphamido, acylamino, acyloxy, alkylamino, dialkylamino, alkylmercapto, carbylalkoxy, cycloalkyl or carbamoyl alkyl, substituted alkyl, cycloalkyl, substituted cycloalkyl, cycloalkylalkyl, arylalkyl, heteroalkyl, heteroarylalkyl, cycloheteroalkyl alkyl or **R1'-X**, wherein

**X** is NH-, -N(C<sub>1</sub>-C<sub>6</sub>-alkyl)-, -O- or -S- and

**R1'** is hydrogen, alkyl, substituted alkyl, acyl, amido, sulpho, cycloalkyl, substituted cycloalkyl, aryl, substituted aryl, heterocycle, heteroaryl, substituted heteroaryl, arylalkyl, cycloheteroalkyl, substituted cycloheteroalkyl, heteroarylalkyl, heteroalkyl, cycloalkyl alkyl and cycloheteroalkyl alkyl;

whereas the generic substituent groups have meanings identical with the definitions of the corresponding groups as defined in this legend, wherein  
halogen refers to

halogen atom selected from the group containing fluorine atom, bromine atom,

chlorine atom and iodine atom,

alkyl refers to

branched or unbranched alkyl chain containing 1 to 6 carbon atoms,

branched or unbranched alkenyl chain containing 2 to 6 carbon atoms,

branched or unbranched alkynyl chain containing 2 to 6 carbon atoms,

substituted alkyl refers to

branched or unbranched alkyl, alkenyl and alkynyl chain containing 1 to 6 carbon atoms which is optionally substituted with one to five substituents selected from the group containing hydroxyl, alkoxy, amino, hydrazo, mercapto, carboxyl, cyano, nitro, amido, sulpho, sulphamido, acylamino, acyloxy, alkylamino, dialkylamino, alkylmercapto, carbylalkoxy, cycloalkyl and carbamoyl group, wherein mentioned generic substituent groups have meanings as defined in this legend,

carbyloxy refers to

group  $-OR_a$ , wherein  $R_a$  is alkyl, substituted alkyl, aryl, substituted aryl, arylalkyl, substituted arylalkyl, cycloalkyl, substituted cycloalkyl, cycloheteroalkyl or substituted cycloheteroalkyl, wherein mentioned generic substituent groups have meanings as defined in this legend,

carbylmercapto refers to

group  $-SR_b$ , wherein  $R_b$  is alkyl, substituted alkyl, aryl, substituted aryl, arylalkyl, substituted arylalkyl, cycloalkyl, substituted cycloalkyl, cycloheteroalkyl or substituted cycloheteroalkyl, wherein mentioned generic substituent groups have meanings as defined in this legend,

sulpho refers to  $-SO_3R_c$ , wherein  $R_c$  is

hydrogen atom H,

branched or unbranched alkyl chain containing 1 to 6 carbon atoms,

branched or unbranched alkenyl chain containing 2 to 6 carbon atoms,

branched or unbranched alkynyl chain containing 2 to 6 carbon atoms,

branched or unbranched alkyl, alkenyl and alkynyl chain containing 1 to 6 carbon atoms which is optionally substituted with one to five substituents selected from the group containing hydroxyl, alkoxy, amino, hydrazo, mercapto, carboxyl, cyano, nitro, amido, sulpho, sulphamido, acylamino, acyloxy, alkylamino, dialkylamino, alkylmercapto, carbylalkoxy, cycloalkyl and carbamoyl group, wherein mentioned generic substituent groups have meanings as defined in this legend,

sulphamido refers to  $\text{-NHSO}_3\text{R}_d$ , wherein  $\text{R}_d$  is

hydrogen atom H,

branched or unbranched alkyl chain containing 1 to 6 carbon atoms,

branched or unbranched alkenyl chain containing 2 to 6 carbon atoms,

branched or unbranched alkynyl chain containing 2 to 6 carbon atoms,

branched or unbranched alkyl, alkenyl and alkynyl chain containing 1 to 6 carbon atoms which is optionally substituted with one to five substituents selected from the group containing hydroxyl, alkoxy, amino, hydrazo, mercapto, carboxyl, cyano, nitro, amido, sulpho, sulphamido, acylamino, acyloxy, alkylamino, dialkylamino, alkylmercapto, carbylalkoxy, cycloalkyl and carbamoyl group, wherein mentioned generic substituent groups have meanings as defined in this legend,

acyl refers to

group  $\text{-C(O)R}_e$ , wherein  $\text{R}_e$  is hydrogen atom, alkyl, substituted alkyl, aryl,

substituted aryl, arylalkyl, substituted arylalkyl, cycloalkyl, substituted cycloalkyl, wherein mentioned generic substituent groups have meanings as defined in this legend,

aryloxy refers to

group -OAr, wherein Ar is aryl, substituted aryl, heteroaryl or substituted heteroaryl, wherein mentioned generic substituent groups have meanings as defined in this legend,

alkylamino refers to

group  $\text{NR}_f\text{R}'_g$ , wherein  $\text{R}_f$  and  $\text{R}'_g$  are independently one of another hydrogen atom, alkyl, substituted alkyl, aryl, substituted aryl, heteroaryl or substituted heteroaryl, wherein mentioned generic substituent groups have meanings as defined in this legend,

amido refers to

group  $-\text{C}(\text{O})\text{NR}_h\text{R}'_i$ , wherein  $\text{R}_h$  and  $\text{R}'_i$  are independently one of another hydrogen atom, alkyl, substituted alkyl, aryl, substituted aryl, heteroaryl or substituted heteroaryl, wherein mentioned generic substituent groups have meanings as defined in this legend,

carboxyl refers to

group  $-\text{C}(\text{O})\text{OR}_j$ , wherein  $\text{R}_j$  is hydrogen atom, alkyl, substituted alkyl, aryl, substituted aryl, heteroaryl or substituted heteroaryl, wherein mentioned generic substituent groups have meanings as defined in this legend,

carbamino refers to

group  $-\text{NHCOR}_k$ , wherein  $\text{R}_k$  is hydrogen atom, alkyl, substituted alkyl, aryl,

substituted aryl, heteroaryl or substituted heteroaryl, wherein mentioned generic substituent groups have meanings as defined in this legend,

aryl refers to

aromatic carbocyclic group containing 6 to 18 carbon atoms, which is formed by at least one aromatic ring (~~e.g. phenyl or biphenyl~~) or multiple condensed rings, from which at least one ring is aromatic (~~e.g. 1,2,3,4-tetrahydronaphthyl, naphthyl, anthryl or phenanthryl~~),

substituted aryl refers to

aromatic carbocyclic group containing 6 to 18 carbon atoms, which is formed by at least one aromatic ring (~~e.g. phenyl or biphenyl~~) or multiple condensed rings, from which at least one ring is aromatic (~~e.g. 1,2,3,4-tetrahydronaphthyl, naphthyl, anthryl or phenanthryl~~), which is optionally substituted with one to five substituents selected from the group containing hydroxyl, alkoxy, amino, hydrazo, mercapto, carboxyl, cyano, nitro, amido, sulpho, sulphamido, acylamino, acyloxy, alkylamino, dialkylamino, alkylmercapto, carbalkoxy, cycloalkyl and carbamoyl group, wherein mentioned generic substituent groups have meanings as defined in this legend,

heterocycle refers to

heterocyclic group containing 4 to 9 carbon atoms and at least one heteroatom selected from the group containing oxygen atom, sulphur atom and nitrogen atom,

heteroaryl refers to

heterocyclic group containing 4 to 9 carbon atoms and at least one heteroatom selected from the group containing oxygen atom, sulphur atom and nitrogen atom, wherein at least one ring is aromatic,

substituted heteroaryl refers to

heterocyclic group containing 4 to 9 carbon atoms and at least one heteroatom selected from the group containing oxygen atom, sulphur atom and nitrogen atom, wherein at least one ring is aromatic, which is optionally substituted with one to five substituents selected from the group containing hydroxyl, alkoxy, amino, hydrazo, mercapto, carboxyl, cyano, nitro, amido, sulpho, sulphamido, acylamino, acyloxy, alkylamino, dialkylamino, alkylmercapto, carbylalkoxy, cycloalkyl and carbamoyl group, wherein mentioned generic substituent groups have meanings as defined in this legend,

arylalkyl refers to

group -R<sub>1</sub>-Ar, wherein Ar refers to aryl group and R<sub>1</sub> is

branched or unbranched alkyl chain containing 1 to 6 carbon atoms,

branched or unbranched alkenyl chain containing 2 to 6 carbon atoms,

branched or unbranched alkynyl chain containing 2 to 6 carbon atoms,

aromatic carbocyclic group containing 6 to 18 carbon atoms, which is formed by at least one aromatic ring (~~e.g. phenyl or biphenyl~~) or multiple condensed rings, from which at least one ring is aromatic (~~e.g. 1,2,3,4-tetrahydronaphthyl, naphthyl, anthryl or phenanthryl~~), which is optionally substituted with one to five substituents selected from the group containing hydroxyl, alkoxy, amino, hydrazo, mercapto, carboxyl, cyano, nitro, amido, sulpho, sulphamido, acylamino, acyloxy, alkylamino, dialkylamino, alkylmercapto, carbylalkoxy, cycloalkyl and carbamoyl group, wherein mentioned generic substituent groups have meanings as defined in this legend,

heteroalkyl refers to

group  $-R_m-L$ , wherein  $R_m$  is

branched or unbranched alkyl chain containing 1 to 6 carbon atoms,

branched or unbranched alkenyl chain containing 2 to 6 carbon atoms,

branched or unbranched alkynyl chain containing 2 to 6 carbon atoms,

branched or unbranched alkyl, alkenyl and alkynyl chain containing 1 to 6 carbon atoms which is optionally substituted with one to five substituents selected from the group containing hydroxyl, alkoxy, amino, hydrazo, mercapto, carboxyl, cyano, nitro, amido, sulpho, sulphamido, acylamino, acyloxy, alkylamino, dialkylamino, alkylmercapto, carbylalkoxy, cycloalkyl and carbamoyl group, wherein mentioned generic substituent groups have meanings as defined in this legend,

and L is

heterocyclic group containing 4 to 9 carbon atoms and at least one heteroatom selected from the group containing oxygen atom, sulphur atom and nitrogen atom, which is optionally substituted with one to five substituents selected from the group containing hydroxyl, alkoxy, amino, hydrazo, mercapto, carboxyl, cyano, nitro, amido, sulpho, sulphamido, acylamino, acyloxy, alkylamino, dialkylamino, alkylmercapto, carbylalkoxy, cycloalkyl and carbamoyl group, wherein mentioned generic substituent groups have meanings as defined in this legend,

heteroarylalkyl refers to

group  $-R_n-G$ , wherein  $R_n$  is

branched or unbranched alkyl chain containing 1 to 6 carbon atoms,

branched or unbranched alkenyl chain containing 2 to 6 carbon atoms,

branched or unbranched alkynyl chain containing 2 to 6 carbon atoms,



branched or unbranched alkyl, alkenyl and alkynyl chain containing 1 to 6 carbon atoms which is optionally substituted with one to five substituents selected from the group containing hydroxyl, alkoxy, amino, hydrazo, mercapto, carboxyl, cyano, nitro, amido, sulpho, sulphamido, acylamino, acyloxy, alkylamino, dialkylamino, alkylmercapto, carbylalkoxy, cycloalkyl and carbamoyl group, wherein mentioned generic substituent groups have meanings as defined in this legend,

and G is

heterocyclic group containing 4 to 9 carbon atoms and at least one heteroatom selected from the group containing oxygen atom, sulphur atom and nitrogen atom, wherein at least one ring is aromatic, which is optionally substituted with one to five substituents selected from the group containing hydroxyl, alkoxy, amino, hydrazo, mercapto, carboxyl, cyano, nitro, amido, sulpho, sulphamido, acylamino, acyloxy, alkylamino, dialkylamino, alkylmercapto, carbylalkoxy, cycloalkyl and carbamoyl group, wherein mentioned generic substituent groups have meanings as defined in this legend,

cycloalkyl refers to

monocyclic or polycyclic alkyl group containing 3 to 15 carbon atoms,

substituted cycloalkyl refers to

monocyclic or polycyclic alkyl group containing 3 to 15 carbon atoms, which is optionally substituted with one to five substituents selected from the group containing hydroxyl, alkoxy, amino, hydrazo, mercapto, carboxyl, cyano, nitro, amido, sulpho, sulphamido, acylamino, acyloxy, alkylamino, dialkylamino, alkylmercapto, carbylalkoxy, cycloalkyl and carbamoyl group, wherein mentioned

generic substituent groups have meanings as defined in this legend,

heterocycloalkyl refers to

monocyclic or polycyclic alkyl group containing 3 to 15 carbon atoms, in whose cyclic structure is at least one carbon atom replaced by heteroatom from the group containing oxygen atom, sulphur atom, nitrogen atom and phosphorus atom,

substituted cycloheteroalkyl refers to

monocyclic or polycyclic alkyl group containing 3 to 15 carbon atoms, in whose cyclic structure is at least one carbon atom replaced by heteroatom from the group containing oxygen atom, sulphur atom, nitrogen atom and phosphorus atom, which is optionally substituted with one to five substituents selected from the group containing hydroxyl, alkoxy, amino, hydrazo, mercapto, carboxyl, cyano, nitro, amido, sulpho, sulphamido, acylamino, acyloxy, alkylamino, dialkylamino, alkylmercapto, carbylalkoxy, cycloalkyl and carbamoyl group, wherein mentioned generic substituent groups have meanings as defined in this legend,

cycloalkylalkyl refers to

group  $-R_o-J$ , wherein  $R_o$  is

branched or unbranched alkyl chain containing 1 to 6 carbon atoms,

branched or unbranched alkenyl chain containing 2 to 6 carbon atoms,

branched or unbranched alkynyl chain containing 2 to 6 carbon atoms,

branched or unbranched alkyl, alkenyl and alkynyl chain containing 1 to 6 carbon atoms, which is optionally substituted with one to five substituents selected from the group containing hydroxyl, alkoxy, amino, hydrazo, mercapto, carboxyl, cyano, nitro, amido, sulpho, sulphamido, acylamino, acyloxy, alkylamino, dialkylamino,

alkylmercapto, carbylalkoxy, cycloalkyl and carbamoyl group, wherein mentioned generic substituent groups have meanings as defined in this legend,

and J is

monocyclic or polycyclic alkyl group containing 3 to 15 carbon atoms, or  
monocyclic or polycyclic alkyl group containing 3 to 15 carbon atoms, which is optionally substituted with one to five substituents selected from the group containing hydroxyl, alkoxy, amino, hydrazo, mercapto, carboxyl, cyano, nitro, amido, sulpho, sulphamido, acylamino, acyloxy, alkylamino, dialkylamino, alkylmercapto, carbylalkoxy, cycloalkyl and carbamoyl group, wherein mentioned generic substituent groups have meanings as defined in this legend,

and heterocycloalkylalkyl refers to

group  $-R_pV$ , wherein  $R_p$  is

branched or unbranched alkyl chain containing 1 to 6 carbon atoms,

branched or unbranched alkenyl chain containing 2 to 6 carbon atoms,

branched or unbranched alkynyl chain containing 2 to 6 carbon atoms,

branched or unbranched alkyl, alkenyl and alkynyl chain containing 1 to 6 carbon atoms, which is optionally substituted with one to five substituents selected from the group containing hydroxyl, alkoxy, amino, hydrazo, mercapto, carboxyl, cyano, nitro, amido, sulpho, sulphamido, acylamino, acyloxy, alkylamino, dialkylamino, alkylmercapto, carbylalkoxy, cycloalkyl and carbamoyl group, wherein mentioned generic substituent groups have meanings as defined in this legend,

and V is

monocyclic or polycyclic alkyl group containing 3 to 15 carbon atoms, in whose

cyclic structure is at least one carbon atom replaced by heteroatom from the group containing oxygen atom, sulphur atom, nitrogen atom and phosphorus atom, monocyclic or polycyclic alkyl group containing 3 to 15 carbon atoms, in whose cyclic structure is at least one carbon atom replaced by heteroatom from the group containing oxygen atom, sulphur atom, nitrogen atom and phosphorus atom, which is optionally substituted with one to five substituents selected from the group containing hydroxyl, alkoxy, amino, hydrazo, mercapto, carboxyl, cyano, nitro, amido, sulpho, sulphamido, acylamino, acyloxy, alkylamino, dialkylamino, alkylmercapto, carbylalkoxy, cycloalkyl and carbamoyl group, wherein mentioned generic substituent groups have meanings as defined in this legend, in the form of racemates or optically active isomers, as well as their addition salts with acids.

Claim 2 (currently amended): A therapeutic composition containing substitution  
~~Substituted~~ derivatives of N<sup>6</sup>-benzyladenosine of the general formula I according to claim 1, selected from the group comprising 6-(2-fluorobenzylamino)purine riboside, 6-(3-fluorobenzylamino)purine riboside, 6-(4-fluorobenzylamino)purine riboside, 6-(2-bromobenzylamino)purine riboside, 6-(3-bromobenzylamino)purine riboside, 6-(4-bromobenzylamino)purine riboside, 6-(2-iodobenzylamino)purine riboside, 6-(3-iodobenzylamino)purine riboside, 6-(4-iodobenzylamino)purine riboside, 6-(2-chlorobenzylamino)purine riboside, 6-(3-chlorobenzylamino)purine riboside, 6-(4-chlorobenzylamino)purine riboside, 6-(2-acetylbenzylamino)purine riboside, 6-(3-acetylbenzylamino)purine riboside, 6-(4-

acetylbenzylamino)purine riboside, 6-(3-carboxybenzylamino)purine riboside, 6-(4-carboxybenzylamino)purine riboside, 6-(2-acetoxybenzylamino)purine riboside, 6-(3-acetoxybenzylamino)purine riboside, 6-(4-acetoxybenzylamino)purine riboside, 6-(2-nitrobenzylamino)purine riboside, 6-(3-nitrobenzylamino)purine riboside, 6-(4-nitrobenzylamino)purine riboside, 6-(2-sulphobenzylamino)purine riboside, 6-(3-sulphobenzylamino)purine riboside, 6-(4-sulphobenzylamino)purine riboside, 6-(2-cyanobenzylamino)purine riboside, 6-(3-cyanobenzylamino)purine riboside, 6-(4-cyanobenzylamino)purine riboside, 6-(5-nitro-2-methylbenzylamino)purine riboside, 6-(2-methylbenzylamino)purine riboside, 6-(3-methylbenzylamino)purine riboside, 6-(4-methylbenzylamino)purine riboside, 6-(4-methylaminobenzylamino)purine riboside, 6-(2-methoxybenzylamino)purine riboside, 6-(3-methoxybenzylamino)purine riboside, 6-(4-methoxybenzylamino)purine riboside, 6-(2-hydroxybenzylamino)purine riboside, 6-(3-hydroxybenzylamino)purine riboside, 6-(4-hydroxybenzylamino)purine riboside, 6-(4-hexylbenzylamino)purine riboside, 6-(4-hexyloxybenzylamino)purine riboside, 6-(2-formylbenzylamino)purine riboside, 6-(3-formylbenzylamino)purine riboside, 6-(4-formylbenzylamino)purine riboside, 6-(2-ethoxybenzylamino)purine riboside, 6-(3-ethoxybenzylamino)purine riboside, 6-(4-ethoxybenzylamino)purine riboside, 6-(4-ethylbenzylamino)purine riboside, 6-(4-pentylbenzylamino)purine riboside, 6-(4-pentyloxybenzylamino)purine riboside, 6-(4-phenoxybenzylamino)purine riboside, 6-(4-phenylbenzylamino)purine riboside, 6-(4-propylbenzylamino)purine riboside, 6-(4-propyloxybenzylamino)purine riboside, 6-(4-octylbenzylamino)purine riboside, 6-(4-octyloxybenzylamino)purine riboside, 6-(4-ethyloxybenzylamino)purine riboside, 6-(3,4-diacetoxybenzylamino)purine riboside, 6-(3,5-diacetoxybenzylamino)purine riboside, 6-(2,5-

diaminobenzylamino)purine riboside, 6-(3,5-dibromobenzylamino)purine riboside, 6-(3,5-dibromo-4-methoxybenzylamino)purine riboside, 6-(2,3-dichlorobenzylamino)purine riboside, 6-(2,4-dichlorobenzylamino)purine riboside, 6-(2,5-dichlorobenzylamino)purine riboside, 6-(2,6-dichlorobenzylamino)purine riboside, 6-(3,4-dichlorobenzylamino)purine riboside, 6-(3,5-dichlorobenzylamino)purine riboside, 6-(2,3,4,5-tetrafluorobenzylamino)purine riboside, 6-(2-chloro-3,6-difluorobenzylamino)purine riboside, 6-(5-chloro-2-fluorobenzylamino)purine riboside, 6-(2,3,4-trifluorobenzylamino)purine riboside, 6-(2,3,5-trifluorobenzylamino)purine riboside, 6-(2,4,5-trifluorobenzylamino)purine riboside, 6-(3,4,5-trifluorobenzylamino)purine riboside, 6-(2,3,6-trifluorobenzylamino)purine riboside, 6-(3-chloro-2,6-difluorobenzylamino)purine riboside, 6-(2-chloro-6-fluorobenzylamino)purine riboside, 6-(2,6-difluorobenzylamino)purine riboside, 6-(2,4-difluorobenzylamino)purine riboside, 6-(3,4-difluorobenzylamino)purine riboside, 6-(2,5-difluorobenzylamino)purine riboside, 6-(3,5-difluorobenzylamino)purine riboside, 6-(5-fluoro-2-(trifluoromethyl)benzylamino)purine riboside, 6-(4-fluoro-2-(trifluoromethyl)benzylamino)purine riboside, 6-(2-chloro-5-(trifluoromethyl)benzylamino)purine riboside, 6-(2-(difluoromethoxy)benzylamino)purine riboside, 6-(3-(difluoromethoxy)benzylamino)purine riboside, 6-(4-(difluoromethoxy)benzylamino)purine riboside, 6-(2-fluoro-5-(trifluoromethyl)benzylamino)purine riboside, 6-(3-fluoro-4-(trifluoromethyl)benzylamino)purine riboside, 6-(2-fluoro-4-(trifluoromethyl)benzylamino)purine riboside, 6-(2-(trifluoromethylthio)benzylamino)purine riboside, 6-(2-fluoro-3-(trifluoromethyl)benzylamino)purine riboside, 6-(2-chloro-6-fluoro-3-methylbenzylamino)purine purine riboside, 6-(6-chloro-2-fluoro-3-

methylbenzylamino)purine riboside, 6-(3-chloro-2-fluoro-5-(trifluoromethyl)benzylamino)purine riboside, 6-(3-chloro-2-fluoro-6-(trifluoromethyl)benzylamino)purine riboside, 6-(2,3-difluoro-4-methylbenzylamino)purine riboside, 6-(2,6-difluoro-3-methylbenzylamino)purine riboside, 6-(2-fluoro-6-(trifluoromethyl)benzylamino)purine riboside, 6-(3-chloro-2,6-difluorobenzylamino)purine riboside, 6-(3-(trifluoromethylthio)benzylamino)purine riboside, 6-(3-fluoro-4-methylbenzylamino)purine riboside, 6-(4-fluoro-3-methylbenzylamino)purine riboside, 6-(5-fluoro-2-methylbenzylamino)purine riboside, 6-(2-chloro-3,6-difluorobenzylamino)purine riboside, 6-(4-(trifluoromethylthio)benzylamino)purine riboside, 6-(3-fluoro-5-(trifluoromethyl)benzylamino)purine riboside, 6-(2-chloro-4-fluorobenzylamino)purine riboside, 6-(2-(trifluoromethoxy)benzylamino)purine riboside, 6-(3-(trifluoromethyl)benzylamino)purine riboside, 6-(2-(trifluoromethyl)benzylamino)purine riboside, 6-(4-(trifluoromethyl)benzylamino)purine riboside, 6-(4-chloro-3-(trifluoromethyl)benzylamino)purine riboside, 6-(4-fluoro-3-(trifluoromethyl)benzylamino)purine riboside, 6-(3,5-bis(trifluoromethyl)benzylamino)purine riboside, 6-(3-(trifluoromethoxy)benzylamino)purine riboside, 6-(4-(trifluoromethoxy)benzylamino)purine riboside, 6-(4-(trifluoromethyl)benzylamino)purine riboside, 6-(4-diethylaminobenzylamino)purine riboside, 6-(3,4-dihydroxybenzylamino)purine riboside, 6-(3,5-dihydroxybenzylamino)purine riboside, 6-(3,4-dihydroxybenzylamino)purine riboside, 6-(2,3-ethylenedioxybenzylamino)purine riboside, 6-(2,4-dihydroxybenzylamino)purine, 6-(2,5-dihydroxybenzylamino)purine riboside, 6-(2,6-dihydroxybenzylamino)purine riboside, 6-(3,4-dimethoxybenzylamino)purine riboside, 6-(3,4-dimethoxybenzylamino)purine

riboside, 6-(3,5-dimethoxybenzylamino)purine riboside, 6-(2,3-dimethoxybenzylamino)purine riboside, 6-(2,4-dimethoxybenzylamino)purine riboside, 6-(2,5-dimethoxybenzylamino)purine riboside, 6-(2,6-dimethoxybenzylamino)purine riboside, 6-(2-hydroxy-3-methoxybenzylamino)purine riboside, 6-(2-hydroxy-4-methoxybenzylamino)purine riboside, 6-(2-hydroxy-5-methoxybenzylamino)purine riboside, 6-(2-hydroxy-6-methoxybenzylamino)purine riboside, 6-(3-hydroxy-2-methoxybenzylamino)purine riboside, 6-(3-hydroxy-4-methoxybenzylamino)purine riboside, 6-(3-hydroxy-5-methoxybenzylamino)purine riboside, 6-(3-hydroxy-6-methoxybenzylamino)purine riboside, 6-(4-hydroxy-2-methoxybenzylamino)purine riboside, 6-(4-hydroxy-3-methoxybenzylamino)purine riboside, 6-(4-hydroxy-5-methoxybenzylamino)purine riboside, 6-(4-hydroxy-6-methoxybenzylamino)purine riboside, 6-(2-hydroxy-3,4-dimethoxybenzylamino)purine riboside, 6-(2-hydroxy-3,5-dimethoxybenzylamino)purine riboside, 6-(2-hydroxy-3,6-dimethoxybenzylamino)purine riboside, 6-(2-hydroxy-4,5-dimethoxybenzylamino)purine riboside, 6-(2-hydroxy-4,6-dimethoxybenzylamino)purine riboside, 6-(2-hydroxy-5,6-dimethoxybenzylamino)purine riboside, 6-(3-hydroxy-4,5-dimethoxybenzylamino)purine riboside, 6-(3-hydroxy-4,6-dimethoxybenzylamino)purine riboside, 6-(3-hydroxy-2,4-dimethoxybenzylamino)purine riboside, 6-(3-hydroxy-2,5-dimethoxybenzylamino)purine riboside, 6-(3-hydroxy-2,6-dimethoxybenzylamino)purine riboside, 6-(4-hydroxy-2,3-dimethoxybenzylamino)purine riboside, 6-(4-hydroxy-2,5-dimethoxybenzylamino)purine riboside, 6-(4-hydroxy-2,6-dimethoxybenzylamino)purine riboside, 6-(4-hydroxy-3,5-dimethoxybenzylamino)purine riboside, 6-(4-hydroxy-3,6-dimethoxybenzylamino)purine riboside, 6-(2,3-dihydroxy-4-methoxybenzylamino)purine riboside, 6-(2,3-dihydroxy-5-methoxybenzylamino)purine



riboside, 6-(2,3-dihydroxy-6-methoxybenzylamino)purine riboside, 6-(2,4-dihydroxy-3-methoxybenzylamino)purine riboside, 6-(2,4-dihydroxy-5-methoxybenzylamino)purine riboside, 6-(2,4-dihydroxy-6-methoxybenzylamino)purine riboside, 6-(2,5-dihydroxy-3-methoxybenzylamino)purine riboside, 6-(2,5-dihydroxy-4-methoxybenzylamino)purine riboside, 6-(2,5-dihydroxy-6-methoxybenzylamino)purine riboside, 6-(2,6-dihydroxy-3-methoxybenzylamino)purine riboside, 6-(2,6-dihydroxy-4-methoxybenzylamino)purine riboside, 6-(2,6-dihydroxy-5-methoxybenzylamino)purine riboside, 6-(3,4-dihydroxy-2-methoxybenzylamino)purine riboside, 6-(3,4-dihydroxy-5-methoxybenzylamino)purine riboside, 6-(3,4-dihydroxy-6-methoxybenzylamino)purine riboside, 6-(3,5-dihydroxy-2-methoxybenzylamino)purine riboside, 6-(3,5-dihydroxy-4-methoxybenzylamino)purine riboside, 6-(3,5-dihydroxy-6-methoxybenzylamino)purine riboside, 6-(2,3,4-trimethoxybenzylamino)purine riboside, 6-(2,4,5-trimethoxybenzylamino)purine riboside, 6-(2,4,6-trimethoxybenzylamino)purine riboside, 6-(3,4,5-trimethoxybenzylamino)purine riboside, 6-(2-hydroxy-3,4,5-trimethoxybenzylamino)purine riboside, 6-(2-hydroxy-3,4,6-trimethoxybenzylamino)purine riboside, 6-(2-hydroxy-4,5,6-trimethoxybenzylamino)purine riboside, 6-(2,4,6-trimethoxybenzylamino)purine riboside, 6-(2,3,4-trihydroxybenzylamino)purine riboside, 6-(2,4,6-trihydroxybenzylamino)purine riboside, 6-(2,3,4-trihydroxybenzylamino)purine riboside, 6-(3,4,5-trihydroxybenzylamino)purine riboside, 6-(2,4,6-trihydroxybenzylamino)purine riboside, 6-(2-hydroxy-3-chlorobenzylamino)purine riboside, 6-(2-hydroxy-4-chlorobenzylamino)purine riboside, 6-(2-hydroxy-5-chlorobenzylamino)purine riboside, 6-(2-hydroxy-6-chlorobenzylamino)purine riboside, 6-(2-hydroxy-3-iodobenzylamino)purine riboside, 6-(2-hydroxy-4-iodobenzylamino)purine riboside, 6-(2-hydroxy-5-iodobenzylamino)purine riboside, 6-(2-

hydroxy-6-iodobenzylamino)purine riboside, 6-(2-hydroxy-3-bromobenzylamino)purine riboside, 6-(2-hydroxy-4-bromobenzylamino)purine riboside, 6-(2-hydroxy-5-bromobenzylamino)purine riboside, 6-(2-hydroxy-6-bromobenzylamino)purine riboside, 6-(2-hydroxy-3-fluorobenzylamino)purine riboside, 6-(2-hydroxy-4-fluorobenzylamino)purine riboside, 6-(2-hydroxy-5-fluorobenzylamino)purine riboside, 6-(2-hydroxy-6-fluorobenzylamino)purine riboside, 6-(2-hydroxy-3-methylbenzylamino)purine riboside, 6-(2-hydroxy-4-methylbenzylamino)purine riboside, 6-(2-hydroxy-5-methylbenzylamino)purine riboside, 6-(2-hydroxy-6-methylbenzylamino)purine riboside, 6-(2,3-dihydroxy-4-chlorobenzylamino)purine riboside, 6-(2,3-dihydroxy-5-chlorobenzylamino)purine riboside, 6-(2,5-dihydroxy-4-chlorobenzylamino)purine riboside, 6-(2,6-dihydroxy-4-chlorobenzylamino)purine riboside, 6-(2,6-dihydroxy-4-bromobenzylamino)purine riboside, 6-(2,6-dihydroxy-4-iodobenzylamino)purine riboside, 6-(2,6-dihydroxy-3-chlorobenzylamino)purine riboside, 6-(2,6-dihydroxy-3-bromobenzylamino)purine riboside, 6-(2,6-dihydroxy-3-iodobenzylamino)purine riboside, 6-(2,6-dihydroxy-3-fluorobenzylamino)purine riboside, 6-(2,6-dihydroxy-3,5-dichlorobenzylamino)purine riboside, 6-(2,6-dihydroxy-3,5-dibromobenzylamino)purine riboside, 6-(2,6-dihydroxy-3,5-diiodobenzylamino)purine riboside, 6-(2,6-dihydroxy-3,5-difluorobenzylamino)purine riboside, 6-(4,5-dimethoxy-2-nitrobenzylamino)purine riboside, 6-(3,4-dimethylbenzylamino)purine riboside, 6-(2,3-dimethylbenzylamino)purine riboside, 6-(2,4-dimethylbenzylamino)purine riboside, 6-(2,6-dimethylbenzylamino)purine riboside, 6-(2,6-dimethyl-4-hydroxybenzylamino)purine riboside, 6-(3,5-dimethyl-4-hydroxybenzylamino)purine riboside, 6-(2-fluoro-4-hydroxybenzylamino)purine riboside, 6-(3-fluoro-4-methylbenzylamino)purine riboside, 6-(3,4-dinitrobenzylamino)purine riboside,

6-(3,5-dinitrobenzylamino)purine riboside, 6-(2-methyl-5-nitrobenzylamino)purine riboside, 6-(3-methyl-4-nitrobenzylamino)purine riboside, 6-(3,4-diiodo-4-hydroxybenzylamino)purine riboside, 6-(2-chloro-3,4-dimethoxybenzylamino)purine riboside, 6-(4-chloro-3,5-dinitrobenzylamino)purine riboside, 6-(2-chloro-4-fluorobenzylamino)purine riboside, 6-(3-chloro-4-fluorobenzylamino)purine riboside, 6-(2-chloro-6-methylbenzylamino)purine riboside, 6-(3-chloro-2-methylbenzylamino)purine riboside, 6-(3-chloro-4-methylbenzylamino)purine riboside, 6-(5-chloro-2-methoxybenzylamino)purine riboside, 6-(2-chloro-4-fluorobenzylamino)purine riboside, 6-(4-chloromethylbenzylamino)purine riboside, 6-(2-chloro-5-nitrobenzylamino)purine riboside, 6-(2-chloro-6-nitrobenzylamino)purine riboside, 6-(4-chloro-3-nitrobenzylamino)purine riboside, 6-(5-chloro-2-nitrobenzylamino)purine riboside, 6-(3-bromo-4-hydroxybenzylamino)purine riboside, 6-(3,5-dibromo-4-hydroxybenzylamino)purine, 6-(3-bromo-4-methoxybenzylamino)purine, 6-(4-bromomethylbenzylamino)purine riboside, 6-(4-butoxybenzylamino)purine riboside, 6-(4-butoxybenzylamino)purine riboside, 6-(4-*t*-butylbenzylamino)purine riboside, 6-(4-*t*-butyl-2,6-dimethylbenzylamino)purine riboside, 6-(2-aminobenzylamino)purine riboside, 6-(3-aminobenzylamino)purine riboside, 6-(4-aminobenzylamino)purine riboside, 6-(2-amino-3-chlorobenzylamino)purine riboside, 6-(2-amino-4-chlorobenzylamino)purine riboside, 6-(2-amino-5-chlorobenzylamino)purine riboside, 6-(2-amino-6-chlorobenzylamino)purine riboside, 6-(3-amino-2-chlorobenzylamino)purine riboside, 6-(3-amino-4-chlorobenzylamino)purine riboside, 6-(3-amino-5-chlorobenzylamino)purine riboside, 6-(3-amino-6-chlorobenzylamino)purine riboside, 6-(2,6-diamino-3-chlorobenzylamino)purine riboside, 6-(2,6-diamino-4-chlorobenzylamino)purine riboside, 6-(4-amino-3-

chlorobenzylamino)purine riboside, 6-(4-amino-5-dichlorobenzylamino)purine riboside, 6-(5-amino-2-methylbenzylamino)purine riboside, 6-(2-amino-3-nitrobenzylamino)purine riboside, 6-(4-amino-3-nitrobenzylamino)purine riboside, 6-(4-benzyloxybenzylamino)purine riboside, 6-(3-acetylbenzylamino)purine riboside, 6-(2-acetylbenzylamino)purine riboside, 6-(2,4,5-trichlorobenzylamino)purine riboside, 6-(2,4,5-trichlorobenzylamino)purine riboside, 6-(2,4,6-trichlorobenzylamino)purine riboside, 6-(2,3,4-trichlorobenzylamino)purine riboside, 6-(2,3,5-trichlorobenzylamino)purine riboside, 6-(2,3,6-trichlorobenzylamino)purine riboside, 6-(2,5,6-trichlorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-fluorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-fluorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-fluorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-bromobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-bromobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-bromobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-iodobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-iodobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-iodobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-chlorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-chlorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-

chlorobenzylamino)purine riboside, 6-(4-chlorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-acetylbenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-acetylbenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-acetylbenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-carboxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-carboxybenzylamino)purine riboside, 6-(2-acetoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-acetoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-acetoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-nitrobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-nitrobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-nitrobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-sulphobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-sulphobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-sulphobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-cyanobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-cyanobenzylamino)purine riboside, 6-(4-cyanobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(5-nitro-2-methylbenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or

methylmercapto)-6-(2-methylbenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-methylbenzylamino)purine riboside, 6-(4-methylbenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-methylaminobenzylamino)purine riboside, 6-(2-methoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-methoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-methoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-hydroxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-hydroxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-hydroxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-hexylbenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-hexyloxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-formylbenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-formylbenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-formylbenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-ethoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-ethoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-ethoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-ethylbenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro,

bromo, methyl or methylmercapto)-6-(4-penthybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-penthyloxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-phenoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-phenylbenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-propylbenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-propyloxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-oktylbenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-octyloxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-ethyloxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3,4-diacetoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3,5-diacetoxybenzylamino)purine riboside, 6-(2,5-diaminobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3,5-dibromobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3,5-dibromo-4-methoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,3-dichlorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,4-dichlorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,5-dichlorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,6-dichlorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or

methylmercapto)-6-(3,4-dichlorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3,5-dichlorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,3,4,5-tetrafluorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-chloro-3,6-difluorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(5-chloro-2-fluorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,3,4-trifluorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,3,5-trifluorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,4,5-trifluorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3,4,5-trifluorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,3,6-trifluorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-chloro-2,6-difluorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-chloro-6-fluorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,6-difluorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,4-difluorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3,4-difluorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,5-difluorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3,5-difluorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or



methylmercapto)-6-(5-fluoro-2-(trifluoromethyl)benzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-fluoro-2-(trifluoromethyl)benzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-chloro-5-(trifluoromethyl)benzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-(difluoromethoxy)benzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-(difluoromethoxy)benzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-(difluoromethoxy)benzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-fluoro-5-(trifluoromethyl)benzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-fluoro-4-(trifluoromethyl)benzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-fluoro-4-(trifluoromethyl)benzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-(trifluoromethylthio)benzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-fluoro-3-(trifluoromethyl)benzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-chloro-6-fluoro-3-methylbenzylamino)purine purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(6-chloro-2-fluoro-3-methylbenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-chloro-2-fluoro-5-(trifluoromethyl)benzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-chloro-2-fluoro-6-(trifluoromethyl)benzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,3-

difluoro-4-methylbenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,6-difluoro-3-methylbenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-fluoro-6-(trifluoromethyl)benzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-chloro-2,6-difluorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-(trifluoromethylthio)benzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-fluoro-4-methyl benzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-fluoro-3-methylbenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(5-fluoro-2-methylbenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-chloro-3,6-difluorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-(trifluoromethylthio)benzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-fluoro-5-(trifluoromethyl)benzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-chloro-4-fluorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-(trifluoromethoxy)benzylamino)purine riboside, 6-(3-(trifluoromethyl)benzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-(trifluoromethyl)benzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-(trifluoromethyl)benzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-chloro-3-(trifluoromethyl)benzylamino)purine riboside, 2-

(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-fluoro-3-(trifluoromethyl)benzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3,5-bis(trifluoromethyl)benzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-(trifluoromethoxy)benzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-(trifluoromethoxy)benzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-(trifluoromethyl)benzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-diethylaminobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3,4-dihydroxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3,5-dihydroxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3,4-dihydroxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,3-ethylenedioxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,4-dihydroxybenzylamino)purine, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,5-dihydroxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,6-dihydroxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3,4-dimethoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3,4-dimethoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3,5-dimethoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl

or methylmercapto)-6-(2,3-dimethoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,4-dimethoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,5-dimethoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,6-dimethoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-hydroxy-3-methoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-hydroxy-4-methoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-hydroxy-5-methoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-hydroxy-6-methoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-hydroxy-2-methoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-hydroxy-4-methoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-hydroxy-5-methoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-hydroxy-6-methoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-hydroxy-2-methoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-hydroxy-3-methoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-hydroxy-5-methoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-hydroxy-6-methoxybenzylamino)purine riboside, 2-(amino, hydroxy,

chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-hydroxy-3,4-dimethoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-hydroxy-3,5-dimethoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-hydroxy-3,6-dimethoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-hydroxy-4,5-dimethoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-hydroxy-4,6-dimethoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-hydroxy-5,6-dimethoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-hydroxy-4,5-dimethoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-hydroxy-4,6-dimethoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-hydroxy-2,4-dimethoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-hydroxy-2,5-dimethoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-hydroxy-2,6-dimethoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-hydroxy-2,3-dimethoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-hydroxy-2,5-dimethoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-hydroxy-2,6-dimethoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-hydroxy-3,5-dimethoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl

or methylmercapto)-6-(4-hydroxy-3,6-dimethoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,3-dihydroxy-4-methoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,3-dihydroxy-5-methoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,3-dihydroxy-6-methoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,4-dihydroxy-3-methoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,4-dihydroxy-5-methoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,4-dihydroxy-6-methoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,5-dihydroxy-3-methoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,5-dihydroxy-4-methoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,5-dihydroxy-6-methoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,6-dihydroxy-3-methoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,6-dihydroxy-4-methoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,6-dihydroxy-5-methoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3,4-dihydroxy-2-methoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3,4-dihydroxy-5-methoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3,4-dihydroxy-6-

methoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3,5-dihydroxy-2-methoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3,5-dihydroxy-4-methoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3,5-dihydroxy-6-methoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,3,4-trimethoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,4,5-trimethoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,4,6-trimethoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3,4,5-trimethoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-hydroxy-3,4,5-trimethoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-hydroxy-3,4,6-trimethoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-hydroxy-4,5,6-trimethoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,4,6-trimethoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,3,4-trihydroxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,4,6-trihydroxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,3,4-trihydroxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3,4,5-trihydroxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,4,6-trihydroxybenzylamino)purine

riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-hydroxy-3-chlorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-hydroxy-4-chlorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-hydroxy-5-chlorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-hydroxy-6-chlorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-hydroxy-3-iodobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-hydroxy-4-iodobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-hydroxy-5-iodobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-hydroxy-6-iodobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-hydroxy-3-bromobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-hydroxy-4-bromobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-hydroxy-5-bromobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-hydroxy-6-bromobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-hydroxy-3-fluorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-hydroxy-4-fluorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-hydroxy-5-fluorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-hydroxy-6-fluorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo,



methyl or methylmercapto)-6-(2-hydroxy-3-methylbenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-hydroxy-4-methylbenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-hydroxy-5-methylbenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-hydroxy-6-methylbenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,3-dihydroxy-4-chlorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,3-dihydroxy-5-chlorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,5-dihydroxy-4-chlorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,6-dihydroxy-4-chlorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,6-dihydroxy-4-bromoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,6-dihydroxy-4-iodobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,6-dihydroxy-3-chlorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,6-dihydroxy-3-bromobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,6-dihydroxy-3-iodobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,6-dihydroxy-3-fluorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,6-dihydroxy-3,5-dichlorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,6-dihydroxy-3,5-dibromobenzylamino)purine riboside, 2-(amino,

hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,6-dihydroxy-3,5-diiodobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,6-dihydroxy-3,5-difluorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4,5-dimethoxy-2-nitrobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3,4-dimethylbenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,3-dimethylbenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,4-dimethylbenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,6-dimethylbenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,6-dimethyl-4-hydroxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3,5-dimethyl-4-hydroxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-fluoro-4-hydroxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-fluoro-4-methylbenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3,4-dinitrobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3,5-dinitrobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-methyl-5-nitrobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-methyl-4-nitrobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3,4-diiodo-4-hydroxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or

methylmercapto)-6-(2-chloro-3,4-dimethoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-chloro-3,5-dinitrobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-chloro-4-fluorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-chloro-4-fluorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-chloro-6-methylbenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-chloro-2-methylbenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-chloro-4-methylbenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(5-chloro-2-methoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-chloro-4-fluorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-chloromethylbenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-chloro-5-nitrobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-chloro-6-nitrobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-chloro-3-nitrobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(5-chloro-2-nitrobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-bromo-4-hydroxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3,5-dibromo-4-hydroxybenzylamino)purine, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-bromo-4-methoxybenzylamino)purine, 2-(amino, hydroxy, chloro,

fluoro, bromo, methyl or methylmercapto)-6-(4-bromomethylbenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-butoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-butoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-t-butyl/benzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-t-butyl-2,6-dimethylbenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-aminobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-aminobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-aminobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-amino-3-chlorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-amino-4-chlorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-amino-5-chlorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-amino-6-chlorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-amino-2-chlorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-amino-4-chlorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-amino-5-chlorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-amino-6-chlorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,6-diamino-3-chlorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or

methylmercapto)-6-(2,6-diamino-4-chlorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-amino-3-chlorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-amino-5-dichlorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(5-amino-2-methylbenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-amino-3-nitrobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-amino-3-nitrobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(4-benzyloxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(3-acetylbenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2-acetylbenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,4,5-trichlorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,4,5-trichlorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,4,6-trichlorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,3,4-trichlorobenzylamino)purine riboside, 6-(2,3,5-trichlorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,3,6-trichlorobenzylamino)purine riboside, or 2-(amino, hydroxy, chloro, fluoro, bromo, methyl or methylmercapto)-6-(2,5,6-trichlorobenzylamino)purine riboside.

Claims 3-14 (canceled).

Claim 15 (new): A pharmaceutical composition, containing a substitution derivative of N<sup>6</sup>-benzyladenosine of the general formula I according to claim 1, or its pharmaceutically acceptable salt, including a pharmaceutical carrier.

Claim 16 (new): A cosmetic composition, containing a substitution derivative of N<sup>6</sup>-benzyladenosine of the formula I according to claim 1, or its pharmaceutically acceptable salt, including a pharmaceutical carrier.

Claim 17 (new): A pharmaceutical composition containing a compound of the general formula I according to claim 1, or its pharmaceutically acceptable salt, including a pharmaceutical carrier, suitable as mitotic or antimitotic compound, especially for treating cancer, psoriasis, rheumatoid arthritis, lupus, type I diabetes, multiple sclerosis, restenosis, polycystic kidney disease, graft rejection, graft versus host disease and gout, or Alzheimer's disease, or as antineurogenerative drugs, or to suppress immunostimulation or for the treatment of proliferative skin diseases.

Claim 18 (new): A method of treatment of cancer, psoriasis, rheumatoid arthritis, lupus, type I diabetes, multiple sclerosis, restenosis, polycystic kidney disease, graft rejection, graft versus host disease and gout, Alzheimer's disease, antineurogenerative disorders or proliferative skin diseases, comprising administering of a compound of the general formula I according to claim 1, or its pharmaceutically acceptable salt, including a pharmaceutical carrier in an amount, which is effective against the diseases mentioned.

Claim 19 (new): A method of suppression of immunostimulation or suppression of transplant rejection in mammals, comprising administering of a compound of the general formula I according to claim 1, or its pharmaceutically acceptable salt, including a pharmaceutical carrier.

Claim 20 (new): A method of increasing the yield and quality of agricultural products, comprising using the substitution derivatives of N<sup>6</sup>-benzyladenosine of the general formula I according to claim 1.

Claim 21 (new): A method of inhibiting ageing and senescence of mammalian epidermal cells, comprising administering the substitution derivatives of N<sup>6</sup>-benzyladenosine of the general formula I according to claim 1, to a mammal in need of such treatment.